# SYSTEM AND METHOD FOR MODEL BASED CONTROL OF A NEURAL NET-WORK

# Abstract

A model based controller system and method is disclosed. The system and method includes at least one model including at least one process step, at least one controller that generates at least one control command, at least one component responsive to the at least one control command, wherein the at least one component receives the at least one control command from the at least one controller, and wherein the at least one component sends at least one component information element to the at least one controller, and at least one communicative coordination that communicatively coordinates the at least one model with the at least one controller, wherein the at least one control command is generated in accordance with the at least one process step, and wherein at least one of the at least one process step is varied in accordance with the at least one component information element.